

ABSTRACT

THE INFLUENCE OF FLASH MEDIA TOWARD LEARNING INTEREST ON THE COMPETENCE OF USING MEASUREMENT DEVICES IN SMKN 2 DEPOK YOGYAKARTA

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This study is to determine the students' learning interest before the implementation of flash media on the competence of using measurement devices, to know the students' learning interest after being given treatment using flash media, and to know the differences of students' learning interest in experimental class and control class. This study is conducted in two groups namely experimental group and control group. The experimental group is given the treatment by using flash media and the control group is not given the treatment.

The research design used in this study is a kind of experimental research by looking for the influence of certain variable toward other variables in strictly controlled condition. Data is collected using a questionnaire of learning process and a questionnaire of the students' behaviour during the lesson. Description of the data is processed using a helpful software Statical Product and Service Solution (SPSS) version 17.0 for windows.

The results of this study states that the students' learning interest between experimental class and control class is the same, meaning that there are no significant differences between experimental class and control class. Students' interest after the treatment using flash media is 71.52%. There is a significant effect of flash media to the students' interest on the competence of using measurement devices in SMKN 2 Depok Yogyakarta. This is indicated by the increasing value 9.15% compared with the previous value before the treatment (percentage of students' learning interest is from 62.68% to 71.52%) and the presence of significant differences between control class and the experimental class namely $t_{\text{observed}} = 6.299$ greater than $t_{\text{table}} = 1.696$).

Keywords: Flash Media, Learning Interest